

# **SOUTH PRODUCTION NOTES**

**July 27, 2014**  
**Afternoon Shift**

**BASF EMPLOYEES**  
**29 Last Recordable**  
**392 Last Lost Time**

**Building 9 is regulated, Building 31: 2<sup>nd</sup> floor is regulated**

**Building 16 (Alumina Gel) is regulated**

**Get All Required Samples and Surface Areas**

## **#1 MED / AI 5655:**

DL Page worked and completed work on the Cleveland vibrator motor guard and the spreader bed sheet metal bed. The gearbox was re-aligned by Gemco as well.

Midnight shift: Down (dryer gas valve)

Day shift: Becky and Elliott worked on gas valve. Gas valve is shot. Needs to be replaced.

Afternoon shift: DOWN-No change.

## **#1 RC / AI 5655:**

Calciner is up to temperature and the newly installed rollers trained. High NOx product.

Midnight shift: Out of feed

Day shift: Out of feed.

Afternoon shift: Out of feed.

**Exhaust to Trimer**

## **#2 MED line/ Cu-0860:**

The auger and barrel have been re-installed. The #2 Viron's spray nozzles have been cleaned by Lucas and the tank has been emptied by Ameriwaste. Door switch on the extruder is working. Once the extruder runs again **check every batch before dropping per J Bodmann.**

Midnight shift: Continue (3 batches midnight)

Day Shift:

Afternoon Shift: Re-lit Dryer-started making batches on 2<sup>nd</sup> half of shift.

### **#2 RC/ Cu-0860:**

We must continue to collect samples every hour along with normal bag samples. The scale on #2 was looked at by OCS but was not repaired. OCS to return on Monday for final calibration.

Midnight Shift: Building feed (need scale repaired – Monday)

Day shift:

Afternoon shift: Building Feed.

**Exhaust to F1**

### **#3 MED / D-0702:**

Found several bags without labels on them – can't have that. Had to shovel a full mixer again this morning. We need to make sure that the mixer is empty at the end of every batch please. Mixer will be deemed empty when amps reach 68. Continue to run and keep an eye on the temperatures going through the extruder. Switched the cooling water to the Marleys. Keep eye on temps.

Midnight Shift: Continue

Day shift:

Afternoon Shift: Continued.

### **#3 RC / D-0702:**

After verification with engineer, we should not run directly from the dryer to calciner with the exception of when we are changing bags.

Midnight shift: Down – see afternoon notes

Day shift:

Afternoon Shift: DOWN-Work order is in to replace cutter blades. They are damaged and making excessive fines.

**Exhaust to CTO-is in Automatic**

### **#4 RC / Cr 5655:**

Trying to determine the actual bag that ultimately needs to be used on this job. This means that eventually we are going to have to repack a few of the bags. Stay tuned for news on this matter. Continue to run and watch that the bags being used at this time do not cone up at the end.

Midnight Shift: Continue

Day shift:

Afternoon Shift: Continued.

**Exhaust to 4A DC**

### **#5 RC / Cu-3818:**

Continue to run the calciner. We do have full control over the feed screw from the control room.

Midnight Shift: Checked DC and Vac-U-Max at beginning of shift...so far OK.

Look to increase feed screw speed. Continue

Day shift:

Afternoon shift: Continued-5A dust collector was full.- seems to be good now.

### **Exhaust to 5A DC**

### **New Pfaudler / Cr-5655 SNAP:**

Continued on. Watch the level on the chromic acid tank. We should not have to shut down the pfaudler to make a tank. It can be made on the same shift that we run the pfaudler. Should make 2 Batches per Shift.

Midnight shift: Sodium Bichromate air pump not working. Make sure maintenance works on correct pump (chrome pump in building 9 should be OK)

Day shift:

Afternoon Shift: Made one batch-chrome pump stopped working-work order submitted.

### **National Dryer / Cr 5655:**

Continued feeding as material is available. Target = 700 lbs. per hour.

Midnight Shift: Continue as material available

Day shift:

Afternoon Shift: Feeding as material is available.

### **Old Pfaudler D-0761 ZSH Spheres:**

Continue to run as we get room. Remember to stop after batch #132

Midnight Shift: Continue...as of beginning midnight shift, should be 2 batches left. Be sure to contact Bodmann Sunday morning to verify if batch #132 is indeed last batch. UPDATE: batch 131 made, everything pretty much backed up.

Day Shift:

Afternoon Shift: Continued/Pfaudler and hopper are full. Batch 130 complete.

### **#6 RC /D-0761 ZSH Spheres:**

Continue to feed and get all required samples. Make sure to clean underneath the dryer bed on the feed end during your shift.

Midnight shift: Continue

Day Shift:



Afternoon shift: Continued.

### **Exhaust to Sly Scrubber**

#### **PK Blender / Pill Mix:**

Finished the last of the bags of sterotex that we had.

Midnight Shift On hold.

Day shift: No activity.

Afternoon shift: Hold

#### **Abbe Blender:**

**HOLD. Waiting on next run.**

Midnight shift: Hold

Day shift: Hold

Afternoon Shift: Hold

#### **Tower 3 / Cu 0860:**

Continue to run. **Nitrogen has been ordered-48 hour window.3pm Friday.**

Midnight Shift: Continue

Day shift: Unloaded tower 3.

Afternoon shift: Continued.

#### **Tower 6 /Cu-0860:**

Loaded and running.

Midnight Shift: Should be down by day shift, however still needed available nitrogen lines to unload. As of 5:00 am, need to get 2 more nitrogen lines opened up.

Day shift:

Afternoon shift: Continued. Should come down Sunday morning.

#### **North Screener / Cu 0860:**

The north screener will be left set for Cu-0860

Midnight shift: Continue...need to get several more totes hanging so that nitrogen lines are available for tower unloading

Day shift:

Afternoon Shift: Continued.

#### **South Screener / Cu 0860:**

Once the E-474 material has been finished we will switch over to Cu-0860.

**Midnight shift: Continue...need to get several more totes hanging so that nitrogen lines are available for tower unloading**

**Day shift:**

**Afternoon Shift: Continued.**

### **#2662 (west) Pill Machine / Zr-0403 1/8:**

**Filters for dust collector have been switched and installed.**

**Midnight shift: Down – see afternoon notes**

**Day Shift:**

**Afternoon shift: Down- various and many issues-maintenance is working on it.**

### **#2664 (east) Pill Machine / Zr-0403 1/8: Hold**

**DC back together, pill machine in place. West machine was tested and looked / sounded good.**

**Midnight shift: Down – see afternoon notes. Need electrician to assist with no power to machine...work order was written.**

**Day Shift:**

**Afternoon shift: Ran until 8:10 pm-Protection fault came on and would not reset and now cannot get power to it.**

### **TK #2 / V 2010:**

**Continue to load and unload. Keep in mind that operators are to use improved PPE (racal, papr). Top saggars will still not be loaded (keep in place and empty).**

**Midnight shift: Continue. As of start of midnight shift, 4 bags on floor to feed kiln.**

**Day Shift:**

**Afternoon shift: Continued.**

### **Miscellaneous:**

- 1. Work order written to fix the vacumax on the feed end of the Calciner(probe)—ongoing issue.**
- 2. Ordered Nitrogen from Air Products for the Towers-there is a 48 hour window. Conformation #1118250518**